

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		379/406.02,406.06.ccl.s	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 22:00
L1	6	("5268834" "6195430" "6532454").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L2	3261	(car vehicle) and speaker and amplifier and phone and (cd dvd tape tuner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L3	110	(car vehicle) and (speaker same amplifier same phone same (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L4	40	(car vehicle) and (speaker with amplifier with phone with (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L5	4	L4 and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L6	40	(car vehicle automobile) and (speaker with amplifier with phone with (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L7	2067	audio with mixer with (amplifi\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56

L8	254	(audio with mixer with (amplifi\$5)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L9	57	(audio with mixer with (amplifi\$5)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L10	14	(audio with mixer with (amplifi\$5) and (car vehicle automobile)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L11	11687	(echo with cancel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L12	91	(echo with cancel\$3 with cascad\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L13	0	L12 and ((noise echo) with suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L14	0	L12 and ((noise echo) same suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L15	26	L11 and ((noise echo) same suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L16	7	L11 and ((noise) with suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56

L17	33	(echo with cancel\$3 with cascad\$4) and (noise with (filter\$3 suppress\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L18	15	"non\$linear spectral subtraction"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L19	421	nlss	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L20	1	L11 and L19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L21	3	L19 and (adaptive with filter \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L22	3	L19 and (voice with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L23	29	L19 and ((background environmental) with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L24	3	nlss with noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L25	0	L19 and ((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56

L26	99	L11 and((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L27	3	L11 and((background environmental) with noise with suppress with advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L28	122	(echo with cancel\$3) same ((background environmental) with noise with suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L29	52	L28 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L30	188	(echo with cancel\$3) same ((background environmental) with noise with (suppress\$4 filter\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L31	96	L30 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L32	201	(echo with cancel\$3) same ((background environmental) with noise with (suppress\$4 filter\$4 remov\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L33	103	L32 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L34	147404	*455*/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/23 21:56

L35	3266	L34 and \$4phone with gps	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/23 21:56
L36	35	L34 and (\$4phone with gps with advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/23 21:56
L37	40	(car vehicle) and (speaker with amplifier with phone with (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L38	4	L37 and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L39	14	(audio with mixer with (amplifi\$5) and (car vehicle automobile)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L40	57	(audio with mixer with (amplifi\$5)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L41	40	(car vehicle automobile) and (speaker with amplifier with phone with (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L42	3261	(car vehicle) and speaker and amplifier and phone and (cd dvd tape tuner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L43	110	(car vehicle) and (speaker same amplifier same phone same (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56

L44	6	("5268834" "6195430" "6532454").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L45	254	(audio with mixer with (amplifi\$5)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L46	2067	audio with mixer with (amplifi\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L47	11687	(echo with cancel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L48	26	L47 and ((noise echo) same suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L49	15	"non\$linear spectral subtraction"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L50	7	L47 and ((noise) with suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L51	421	nlss	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L52	1	L47 and L51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56

L53	33	(echo with cancel\$3 with cascad\$4) and (noise with filter\$3 suppress\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L54	3	L51 and (voice with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L55	91	(echo with cancel\$3 with cascad\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L56	3	L51 and (adaptive with filter \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L57	3	nlss with noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L58	29	L51 and ((background environmental) with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L59	0	L55 and ((noise echo) with supress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L60	0	L55 and ((noise echo) same supress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L61	0	L51 and ((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56

L62	99	L47 and((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L63	122	(echo with cancel\$3) same ((background environmental) with noise with suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L64	201	(echo with cancel\$3) same ((background environmental) with noise with (suppress\$4 filter\$4 remov\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L65	3	L47 and((background environmental) with noise with suppress with advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L66	188	(echo with cancel\$3) same ((background environmental) with noise with (suppress\$4 filter\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L67	52	L63 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L68	103	L64 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L69	96	L66 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L70	147404	*455*/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/23 21:56

L71	35	L70 and (\$4phone with gps with advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/23 21:56
L72	3266	L70 and \$4phone with gps	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/23 21:56
L73	118	(erl or "echo return loss") with attenuat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L74	61	L73 and ((double\$talk "double talk"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L75	34	L73 and ((double\$talk "double talk")) with attenuat \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L76	9	(US-20050246171-\$ or US-20040078104-\$ or US-20030235294-\$).did. or (US-5563944-\$ or US-5646991-\$ or US-6420975-\$ or US-6891954-\$ or US-6873704-\$ or US-6122506-\$ or US-6282176-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/05/23 21:56
L77	2	L76 and (ratio with erl\$2)	US-PGPUB; USPAT	OR	ON	2009/05/23 21:56
L78	1	L76 and (ratio with serl\$2)	US-PGPUB; USPAT	OR	ON	2009/05/23 21:56
L79	2	L76 and (ratio with (serl\$2 erl\$2))	US-PGPUB; USPAT	OR	ON	2009/05/23 21:56
L80	0	L76 and (serle with double \$talk)	US-PGPUB; USPAT	OR	ON	2009/05/23 21:56
L81	0	L76 and (serle with "double talk")	US-PGPUB; USPAT	OR	ON	2009/05/23 21:56
L82	4	erle and failsafe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56

L83	3	("5268834" "6195430" "6532454").PN.	USPAT	OR	OFF	2009/05/23 21:56
L84	4	("5009472" "5353348" "5365583" "5668871").PN.	USPAT	OR	OFF	2009/05/23 21:56
L85	1670	379/406.01-406.16.ccls.	USPAT	OR	OFF	2009/05/23 21:56
L86	1	L85 and "non\$linear spectral subtraction"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L87	366	L85 and ((background environmental) with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L88	0	L85 and \$4phone with gps	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/23 21:56
L89	869	381/71.1-71.14.ccls.	USPAT	OR	OFF	2009/05/23 21:56
L90	0	L89 and "non\$linear spectral subtraction"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L91	18	L89 and L85 and ((background environmental) with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L92	0	L89 and \$4phone with gps	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/23 21:56
L93	287	381/66.ccls.	US-PGPUB; USPAT, USOCR, FPRS, EPO, JPO, DERWENT; IBM_TDB	OR	OFF	2009/05/23 21:56
L94	0	L89 and L85 and fail\$afe	USPAT	OR	OFF	2009/05/23 21:56

L95	13	(echo adj cancel\$5) and fail \$safe	USPAT	OR	OFF	2009/05/23 21:56
L96	6	("5687229" "7046794" "7099458").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L97	0	"2005/0129223" and "wo97/07624"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L98	0	"2005/0129223" or "wo97/07624"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L99	2	"20050129223" or "wo9707624"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 21:56
L100	346	379/406.02,406.06.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 22:01
L101	37	379/406.02,406.06.ccls.	US-PGPUB	OR	ON	2009/05/23 22:01
L102	2	piket.in. and owens.in. and springfield.in.	US-PGPUB	OR	ON	2009/05/23 22:13
S5	6	("5268834" "6195430" "6532454").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:45
S6	2014	(car vehicle) and speaker and amplifier and phone and (cd dvd tape tuner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:46
S7	86	(car vehicle) and (speaker same amplifier same phone same (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 05:02

S8	31	(car vehicle) and (speaker with amplifier with phone with (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:52
S9	4	S8 and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:47
S10	31	(car vehicle automobile) and (speaker with amplifier with phone with (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:52
S11	1889	audio with mixer with (amplifi\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:57
S12	238	(audio with mixer with (amplifi\$5)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 01:14
S13	44	(audio with mixer with (amplifi\$5)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 09:58
S14	12	(audio with mixer with (amplifi\$5) and (car vehicle automobile)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 10:00
S15	10256	(echo with cancel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 03:12
S16	91	(echo with cancel\$3 with cascad\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:05

S17	0	S16 and ((noise echo) with suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 01:17
S18	0	S16 and ((noise echo) same suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 01:17
S19	25	S15 and ((noise echo) same suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 01:17
S20	6	S15 and ((noise) with suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 01:17
S21	33	(echo with cancel\$3 with cascaded\$4) and (noise with (filter\$3 suppress\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:34
S22	14	"nonlinear spectral subtraction"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:00
S23	347	niss	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:45
S24	1	S15 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:35
S25	3	S23 and (adaptive with filter \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:37

S26	3	S23 and (voice with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:43
S27	27	S23 and ((background environmental) with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:01
S28	2	nlss with noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:45
S29	0	S23 and ((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:53
S30	78	S15 and((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:58
S31	1	S15 and((background environmental) with noise with suppress with advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 02:59
S32	95	(echo with cancel\$3) same ((background environmental) with noise with suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 03:17
S33	38	S32 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 03:17
S34	145	(echo with cancel\$3) same ((background environmental) with noise with (suppress\$4 filter\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 03:18

S35	72	S34 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 03:19
S36	158	(echo with cancel\$3) same ((background environmental) with noise with (suppress\$4 filter\$4 remov\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 03:19
S37	79	S36 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 03:19
S38	123460	*455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 18:01
S39	2084	S38 and \$4phone with gps	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 18:02
S40	31	S38 and (\$4phone with gps with advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 18:03
S41	31	(car vehicle) and (speaker with amplifier with phone with (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S42	4	S41 and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S43	12	(audio with mixer with (amplifi\$5) and (car vehicle automobile)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33

S44	44	(audio with mixer with (amplifi\$5)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S45	31	(car vehicle automobile) and (speaker with amplifier with phone with (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S46	2022	(car vehicle) and speaker and amplifier and phone and (cd dvd tape tuner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S47	86	(car vehicle) and (speaker same amplifier same phone same (cd dvd tape tuner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S48	6	("5268834" "6195430" "6532454").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S49	238	(audio with mixer with (amplifi\$5)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S50	1890	audio with mixer with (amplifi\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S51	10256	(echo with cancel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S52	25	S51 and ((noise echo) same supress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33

S53	14	*nonlinear spectral subtraction*	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S54	6	S51 and (noise) with suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S55	347	nlss	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S56	1	S51 and S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S57	33	(echo with cancel\$3 with casc\$4) and (noise with (filter\$3 suppress\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S58	3	S55 and (voice with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S59	91	(echo with cancel\$3 with casc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S60	3	S55 and (adaptive with filter \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S61	2	nlss with noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33

S62	27	S55 and ((background environmental) with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S63	0	S59 and ((noise echo) with suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S64	0	S59 and ((noise echo) same suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S65	0	S55 and ((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S66	78	S51 and((background environmental) with noise with suppress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S67	95	(echo with cancel\$3) same ((background environmental) with noise with suppress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S68	158	(echo with cancel\$3) same ((background environmental) with noise with (suppress\$4 filter\$4 remov\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S69	1	S51 and((background environmental) with noise with suppress with advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S70	145	(echo with cancel\$3) same ((background environmental) with noise with (suppress\$4 filter\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33

S71	38	S67 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S72	79	S68 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S73	72	S70 and microphone and speaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:33
S74	123460	*455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/15 00:33
S75	31	S74 and ((phone with gps with advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/15 00:37
S76	2084	S74 and \$phone with gps	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/17 17:01
S77	92	(erl or "echo return loss") with attenuat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:38
S78	51	S77 and(double\$talk "double talk")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:38
S79	27	S77 and ((double\$talk "double talk") with attenuat \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 00:38

S80	10	(US-20050246171-\$ or US-20040078104-\$ or US-20030235294-\$).did. or (US-5563944-\$ or US-5646991-\$ or US-6420975-\$ or US-6891954-\$ or US-6873704-\$ or US-6122506-\$ or US-6282176-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/06/15 03:38
S81	2	S80 and (ratio with eri\$2)	US-PGPUB; USPAT	OR	ON	2007/06/15 03:39
S82	1	S80 and (ratio with seri\$2)	US-PGPUB; USPAT	OR	ON	2007/06/15 03:39
S83	2	S80 and (ratio with (seri\$2 eri\$2))	US-PGPUB; USPAT	OR	ON	2007/06/15 04:27
S84	0	S80 and (serle with double \$talk)	US-PGPUB; USPAT	OR	ON	2007/06/15 04:28
S85	0	S80 and (serle with "double talk")	US-PGPUB; USPAT	OR	ON	2007/06/15 04:28
S86	4	erie and failsafe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 05:02
S87	3	("5268834" "6195430" "6532454").PN.	USPAT	OR	OFF	2007/06/17 16:58
S88	4	("5009472" "5353348" "5365583" "5668871").PN.	USPAT	OR	OFF	2007/06/17 17:00
S89	1576	379/406.01-406.16.ccls.	USPAT	OR	OFF	2007/06/17 17:02
S90	1	S89 and "non\$linear spectral subtraction"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:03
S91	329	S89 and ((background environmental) with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:03
S92	0	S89 and \$4phone with gps	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/17 17:03
S93	795	381/71.1-71.14.ccls.	USPAT	OR	OFF	2007/06/17 17:03

S94	0	S93 and "non\$linear spectral subtraction"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:03
S95	14	S93 and S89 and ((background environmental) with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 17:03
S96	0	S93 and \$4phone with gps	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/17 17:03
S97	223	381/66.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/17 17:03
S98	0	S93 and S89 and fail\$afe	USPAT	OR	OFF	2007/06/17 17:04
S99	10	(echo adj cancel\$5) and fail \$afe	USPAT	OR	OFF	2007/06/17 17:04
S100	6	("5687229" "7046794" "7099458").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/16 18:30
S101	0	"2005/0129223" and "wo97/07624"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/16 18:31
S102	0	"2005/0129223" or "wo97/07624"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/16 18:31
S103	2	"20050129223" or "wo9707624"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/16 18:31

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